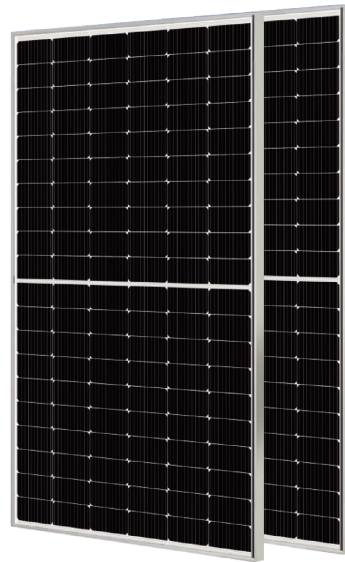


MP550W#PVBS

Features:

- >> Suitable for distributed projects
- >> Advanced module technology delivers superior module efficiency
 - M10 Gallium-doped Wafer Integrated Segmented Ribbons 9-busbar Half-cut Cell
- >> Excellent outdoor power generation performance
- >> High module quality ensures long-term reliability



Mechanical Parameters Cell

Orientation	144 (6X24)
Junction Box	IP68, three diodes
Output Cable	4mm ² , +400, -200mm/±1400mm length can be customized
Glass	Dual glass, 2.0+2.0mm heat strengthened glass
Frame	Anodized aluminum alloy frame
Weight	32.6kg
Dimension	2278 x 1134 x 35mm
Packaging	31pcs per pallet / 155pcs per 20'GP / 620pcs per 40'HC

LEAVE POWER FOR MEDAL POWER

21.8%
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

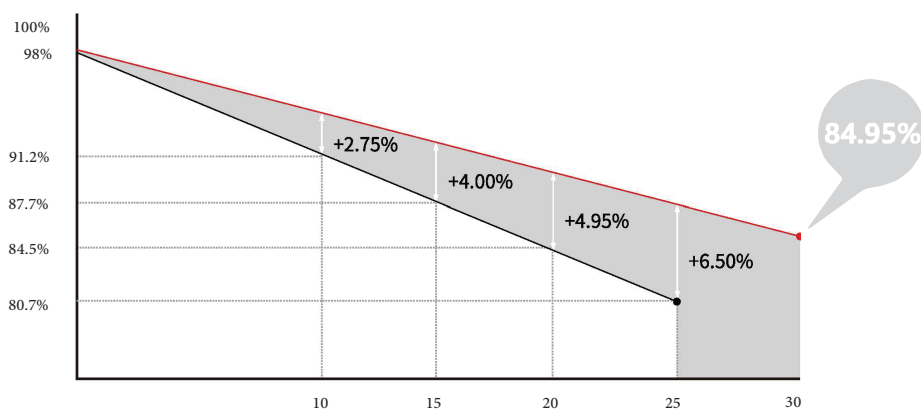
0.45%
YEAR 2-30
POWER DEGRADATION

< 2%
FIRST YEAR
POWER DEGRADATION

HALF-CELL
Lower operating temperature

Additional Value

30-Year Power Warranty



LEAVE POWER FOR MEDAL POWER

Mechanical Loading Front Side

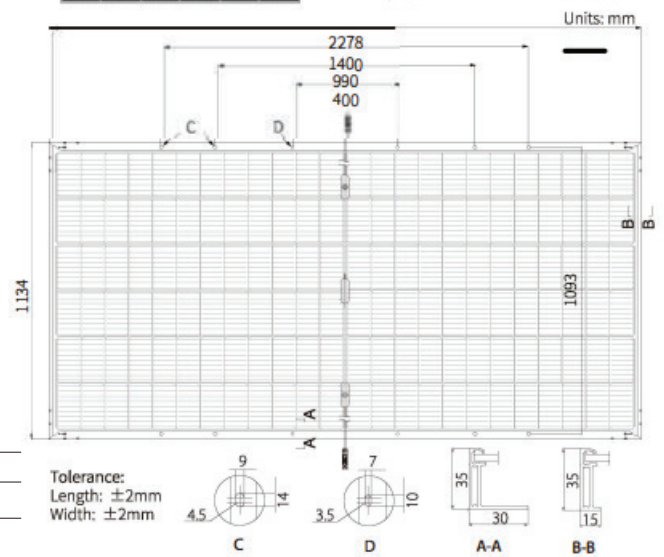
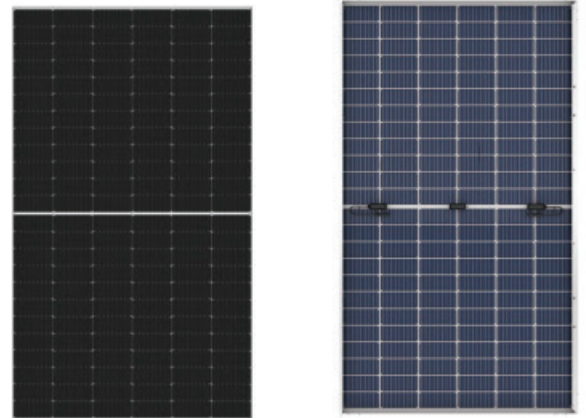
Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Operating Parameters

Operational Temperature	-40°C - +85°C
Power Output Tolerance	0 - 3%
Vac and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45±2°C
Application Class	Grade A
Protection Class	Class II
Bifaciality	70±5%
Fire Rating	UL type 29 IEC Class C

Temperature Ratings(STC)

Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.265%/°C
Temperature Coefficient of Pmax	-0.340%/°C



Electrical Characteristics

MP550W#PVBS

Testing Condition	STC	NOCT
Maximum Power (Pmax/W)	550	411.1
Open Circuit Voltage (Voc/V)	49.80	46.82
Short Circuit Current (Isc/A)	13.99	11.29
Voltage at Maximum Power (Vmp/V)	41.95	39.14
Current at Maximum Power (Imp/A)	13.12	10.51
Module Efficiency(%)	21.3	